FIG 1

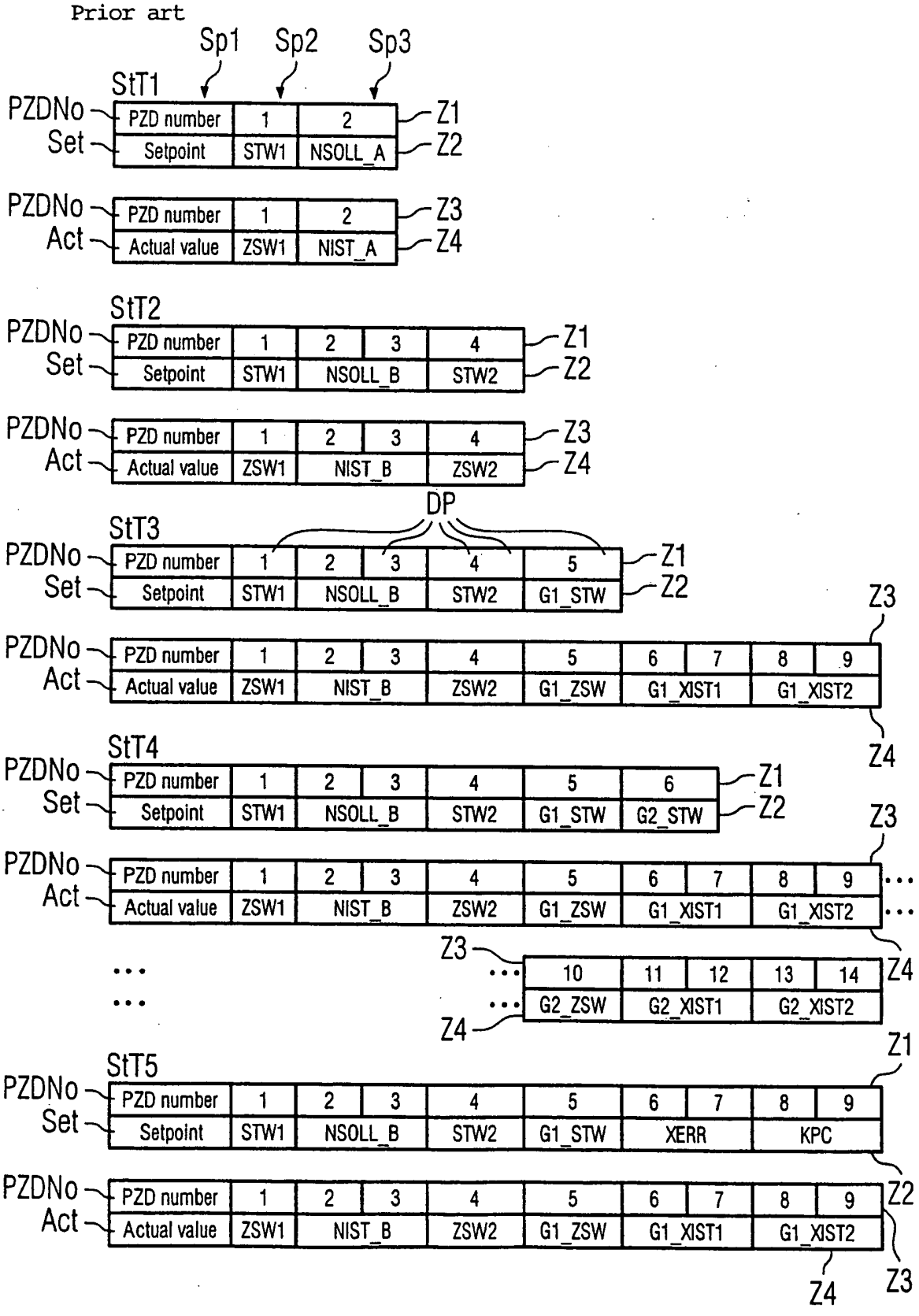

Prior art
Sp1
Sp2
Sp3
StT1
PZDNo
Set
PZD number
Setpoint
1
2
STW1
NSOLL_A
Z1
Z2
PZDNo
Act
PZD number
Actual value
1
2
ZSW1
NIST_A
Z3
Z4
StT2
PZDNo
Set
PZD number
Setpoint
1
2
3
4
STW1
NSOLL_B
STW2
Z1
Z2
PZDNo
Act
PZD number
Actual value
1
2
3
4
ZSW1
NIST_B
ZSW2
Z3
Z4
DP
StT3
PZDNo
Set
PZD number
Setpoint
1
2
3
4
5
STW1
NSOLL_B
STW2
G1_STW
Z1
Z2
Z3
PZDNo
Act
PZD number
Actual value
1
2
3
4
5
6
7
8
9
ZSW1
NIST_B
ZSW2
G1_ZSW
G1_XIST1
G1_XIST2
Z4
StT4
PZDNo
Set
PZD number
Setpoint
1
2
3
4
5
6
STW1
NSOLL_B
STW2
G1_STW
G2_STW
Z1
Z2
Z3
PZDNo
Act
PZD number
Actual value
1
2
3
4
5
6
7
8
9
ZSW1
NIST_B
ZSW2
G1_ZSW
G1_XIST1
G1_XIST2
Z3
10
11
12
13
14
G2_ZSW
G2_XIST1
G2_XIST2
Z4
Z4
StT5
PZDNo
Set
PZD number
Setpoint
1
2
3
4
5
6
7
8
9
STW1
NSOLL_B
STW2
G1_STW
XERR
KPC
Z1
PZDNo
Act
PZD number
Actual value
1
2
3
4
5
6
7
8
9
ZSW1
NIST_B
ZSW2
G1_ZSW
G1_XIST1
G1_XIST2
Z2
Z4
Z3

FIG 2

Prior art

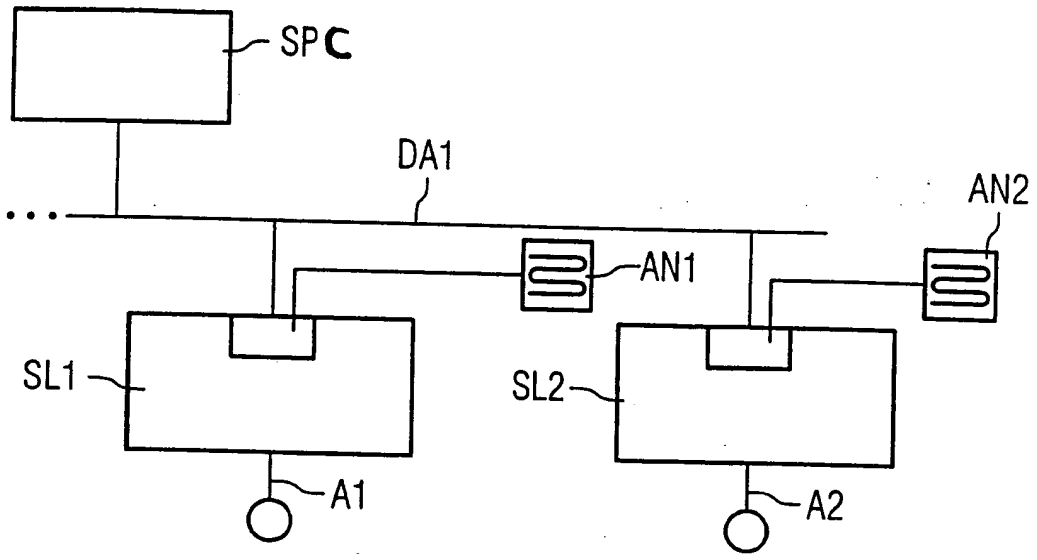


FIG 3

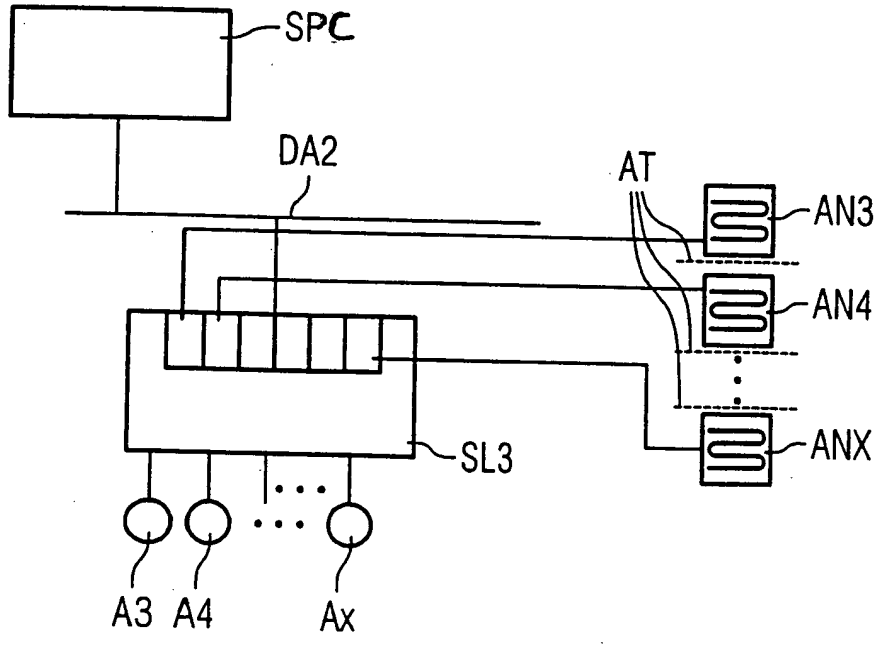


FIG 4

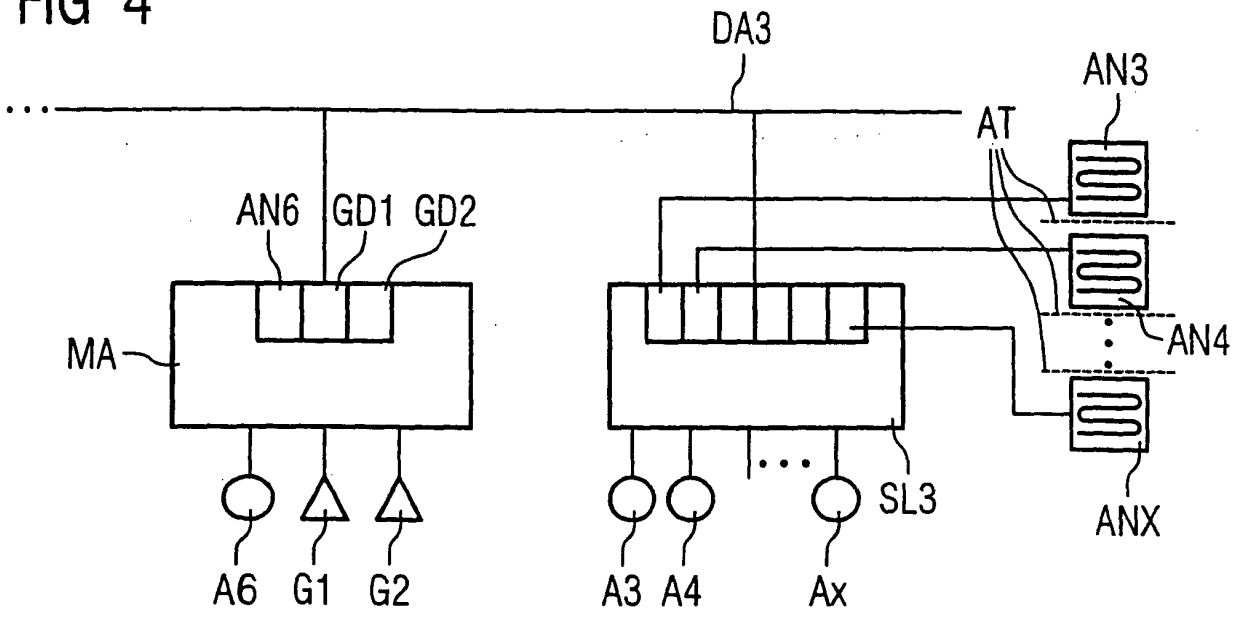


FIG 5

PZDNo	PZD number	1	2	3	4	5	6
Set	Setpoint	STW2	NSOLL_B		STW2	G1_STW	STW3

PZDNo	PZD number	1	2	3	4	5	6	7
Act	Actual value	ZSW1	NIST_B		ZSW2	G1_ZSW	G1_XIST1	

FIG 6

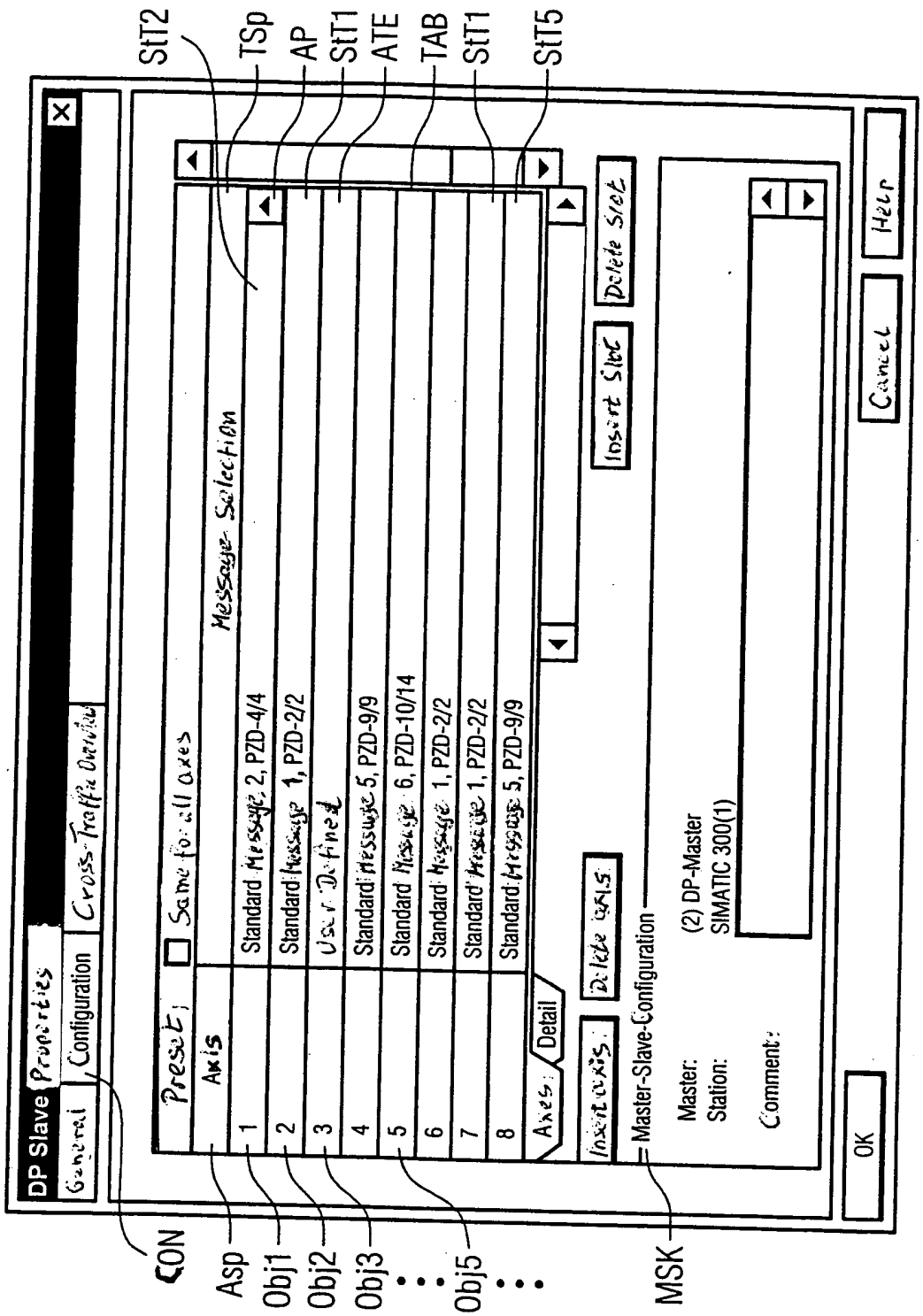
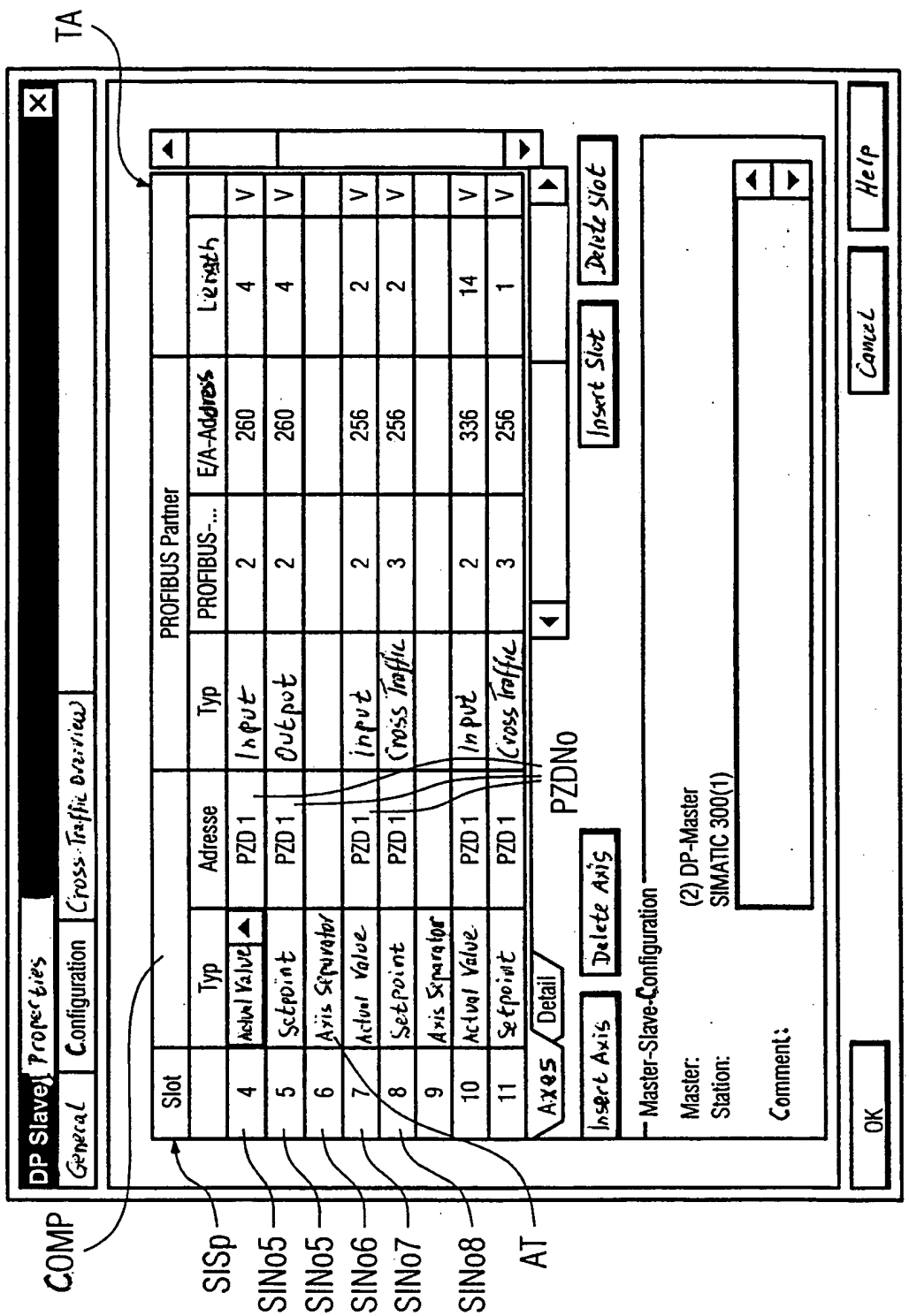

DP Slave Properties
General
Configuration
Cross-Traffic Overview
Preset:
Same for all axes
Axis
Message Selection
1
2
3
4
5
6
7
8
Standard Message 2, PZD-4/4
Standard Message 1, PZD-2/2
User Defined
Standard Message 5, PZD-9/9
Standard Message 6, PZD-10/14
Standard Message 1, PZD-2/2
Standard Message 1, PZD-2/2
Standard Message 5, PZD-9/9
Axes
Detail
Insert axis
Delete axis
Insert Slot
Delete Slot
Master-Slave-Configuration
Master:
Station:
(2) DP-Master
SIMATIC 300(1)
Comment:
OK
Cancel
Help
CON
Asp
Obj1
Obj2
Obj3
Obj5
MSK
StT2
TSp
AP
StT1
ATE
TAB
StT1
StT5

FIG 7


DP Slave Properties
General
Configuration
Cross-Traffic overview
Slot
Typ
Adresse
Typ
PROFIBUS Partner
PROFIBUS-...
E/A-Address
Length
Actual Value
Setpoint
Axis Separator
Actual Value
Setpoint
Axis Separator
Actual Value
Setpoint
PZD 1
Input
Output
Input
Cross Traffic
Input
Cross Traffic
260
260
256
256
336
256
4
4
2
2
14
1
Axes
Detail
Insert Axis
Delete Axis
Insert Slot
Delete Slot
PZDNo
Master-Slave-Configuration
Master:
Station:
(2) DP-Master
SIMATIC 300(1)
Comment:
OK
Cancel
Help
COMP
TA
SISp
SINo5
SINo5
SINo6
SINo7
SINo8
AT